

CRF Errors Corrected by the STIC Systems Branch

02/04/01 PE

Serial Number: 09/905,056

CRF Processing Date: 2/16/2002

Edited by: AL (STIC staff)**ENTERED**

- Changed a file from non-ASCII to ASCII
- Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- Edited a format error in the Current Application Data section, specifically: #3
- Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____
- Added the mandatory heading and subheadings for "Current Application Data".
- Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

- Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: /73
- Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- Inserted colons after headings/subheadings. Headings edited included:

- Deleted extra, invalid, headings used by an applicant, specifically:

- Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file;
 page numbers throughout text; other invalid text, such as _____
- Inserted mandatory headings, specifically: _____
- Corrected an obvious error in the response, specifically:

- Edited identifiers where upper case is used but lower case is required, or vice versa.

- Corrected an error in the Number of Sequences field, specifically:

- A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

- Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- Other:

* Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/905,056

DATE: 02/16/2002
TIME: 12:15:29

Input Set : N:\Crf3\02082002\I905056.raw
Output Set: N:\CRF3\02152002\I905056.raw

1 <110> APPLICANT: Genentech, Inc.
 2 Ashkenazi, Avi
 3 Botstein, David
 4 Desnoyers, Luc
 5 Eaton, Dan L.
 6 Ferrara, Napoleone
 7 Filvaroff, Ellen
 8 Fong, Sherman
 9 Gao, Wei-Qiang
 10 Gerber, Hanspeter
 11 Gerritsen, Mary E.
 12 Goddard, A.
 13 Godowski, Paul J.
 14 Grimaldi, Christopher J.
 15 Gurney, Austin L.
 16 Hillan, Kenneth, J.
 17 Kljavin, Ivar J.
 18 Mather, Jennie P.
 19 Pan, James
 20 Paoni, Nicholas F.
 21 Roy, Margaret Ann
 22 Stewart, Timothy A.
 23 Tumas, Daniel
 24 Williams, P. Mickey
 25 Wood, William, I.
 26 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 27 Acids Encoding the Same
 28 <130> FILE REFERENCE: 10466-14
 29 <140> CURRENT APPLICATION NUMBER: US/09/905,056
 30 <141> CURRENT FILING DATE: 2002-01-22
 31 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
 32 <151> PRIOR FILING DATE: 2000-02-22
 33 <150> PRIOR APPLICATION NUMBER: US 60/143,048
 34 <151> PRIOR FILING DATE: 1999-07-07
 35 <150> PRIOR APPLICATION NUMBER: US 60/145,698
 36 <151> PRIOR FILING DATE: 1999-07-26
 37 <150> PRIOR APPLICATION NUMBER: US 60/146,222
 38 <151> PRIOR FILING DATE: 1999-07-28
 39 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594
 40 <151> PRIOR FILING DATE: 1999-09-08
 41 <150> PRIOR APPLICATION NUMBER: PCT/US99/20944
 42 <151> PRIOR FILING DATE: 1999-09-13
 43 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090

PS

RAW SEQUENCE LISTING
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Output Set: N:\CRF3\02152002\I905056.raw

44 <151> PRIOR FILING DATE: 1999-09-15
45 <150> PRIOR APPLICATION NUMBER: PCT/US99/21547
46 <151> PRIOR FILING DATE: 1999-09-15
47 <150> PRIOR APPLICATION NUMBER: PCT/US99/23089
48 <151> PRIOR FILING DATE: 1999-10-05
49 <150> PRIOR APPLICATION NUMBER: PCT/US99/28214
50 <151> PRIOR FILING DATE: 1999-11-29
51 <150> PRIOR APPLICATION NUMBER: PCT/US99/28313
52 <151> PRIOR FILING DATE: 1999-11-30
53 <150> PRIOR APPLICATION NUMBER: PCT/US99/28564
54 <151> PRIOR FILING DATE: 1999-12-02
55 <150> PRIOR APPLICATION NUMBER: PCT/US99/28565
56 <151> PRIOR FILING DATE: 1999-12-02
57 <150> PRIOR APPLICATION NUMBER: PCT/US99/30095
58 <151> PRIOR FILING DATE: 1999-12-16
59 <150> PRIOR APPLICATION NUMBER: PCT/US99/30911
60 <151> PRIOR FILING DATE: 1999-12-20
61 <150> PRIOR APPLICATION NUMBER: PCT/US99/30999
62 <151> PRIOR FILING DATE: 1999-12-20
63 <150> PRIOR APPLICATION NUMBER: PCT/US00/00219
64 <151> PRIOR FILING DATE: 2000-01-05
65 <160> NUMBER OF SEQ ID NOS: 423
66 <210> SEQ ID NO: 1
67 <211> LENGTH: 1825
68 <212> TYPE: DNA
69 <213> ORGANISM: Homo sapiens
70 <400> SEQUENCE: 1
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73 cccgcagcgc taccgcatt gcgcctgcgc cgccggccg cgtctggggct cctgcgcgtt 180
74 ctgtctgc tcggccgcgc gccggaggcc gccaagaagc cgacgccttg ccaccgggtc 240
75 cgggggctgg tggacaagtt taaccagggg atggtgaca ccgcaaaagaa gaactttggc 300
76 ggcgggaaca cggcttggga ggaaaagacg ctgtccaaat acgagtccag cgagattcgc 360
77 ctgtggaga tcctggaggg gctgtcgag agcagcgact tcaaatgcaa tcagatgcta 420
78 gaggcgccagg aggacacct ggaggcctgg tggctgcagc tgaagagcga atatctgac 480
79 ttattcgagt ggaaaaatgtt gaagacactg aaagtgtgt gctctccagg aacctacgg 540
80 cccgactgtc tcgcatgcca gggcgatcc cagaggccct gcagcgggaa tggccactgc 600
81 agcggagatg ggagcagaca gggcgacggg tcctgcggg gcccacatggg gtaccagg 660
82 ccgcgtgtca ctgactgcat ggacggctac ttcaatgcgc tcggaaacga gaccacagc 720
83 atctgcacag cctgtgacga gtccatgcag acgtgtcggt gcctgaccaa cagagactgc 780
84 ggcgagtgta aagtggctg ggtgtggac gagggccct gtgtggatgt ggacgagtgt 840
85 gcggccgagc cgcctccctg cagcgctgcg cagttctgtt agaacgcacaa cggctccctac 900
86 acgtgcgaag agtgtgactc cagctgtgtt ggctgcacag gggaaaggccc aggaaactgt 960
87 aaagagtgtt tctctggctt cgcgaggggag cacggacagt gtgcagatgt ggacgagtgc 1020
88 tcactagcag aaaaaacctg tttgtggaaa aacgaaaact gctacaatac tcggggagc 1080
89 tacgtctgtt tttgtcccttga cggcttcgaa gaaacggaag atgcctgtgt gccgcggca 1140
90 gaggtgtt aacacagaagg agaaagcccg acacactgc cctccccgcga agacctgtaa 1200
91 tgtgccggac ttacccttta aattattcag aaggatgtcc cgtggaaaat gtggcccttgc 1260
92 ggatgccgtc tcctgcagtg gacagcggcg gggagaggct gcctgtcttc taacggttgc 1320
93

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94 ttctcatttg tcccttaaac agctgcattt cttgggtgtt cttaaacaga cttgtatatt 1380
95 ttgatacagt tctttgtaat aaaattgacc attgttaggtt atcaggagga aaaaaaaaaa 1440
96 aaaaaaaaaa aaagggcgcc cgcgactcta gagtcgaccc gcagaagctt ggccgccatg 1500
97 gccccacttg ttattgcag cttataatgg ttacaataaa agcaatagca tcacaaattt 1560
98 cacaaataaa gcattttt cactgcattc tagttgttgt ttgtccaaac tcatcaatgt 1620
99 atcttatcat gtctggatcg ggaattaatt cggcgccagca ccatggccctg aaataacctc 1680
100 tggaaaagagga acttggtagt gtaccttctg aggcggaaag aaccagctgt ggaatgtgtg 1740
101 tcagtttaggg tgtggaaagt ccccaggctc cccagcaggc agaagtatgc aagcatgcat 1800
102 ctcaattagt cagcaaccca gtttt 1825

104 <210> SEQ ID NO: 2
105 <211> LENGTH: 353
106 <212> TYPE: PRT
107 <213> ORGANISM: Homo sapiens
108 <400> SEQUENCE: 2
109 Met Arg Leu Pro Arg Arg Ala Ala Leu Gly Leu Leu Pro Leu Leu Leu
110 1 5 10 15
111 Leu Leu Pro Pro Ala Pro Glu Ala Ala Lys Lys Pro Thr Pro Cys His
112 20 25 30
113 Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met Val Asp Thr
114 35 40 45
115 Ala Lys Lys Asn Phe Gly Gly Asn Thr Ala Trp Glu Glu Lys Thr
116 50 55 60
117 Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu Leu Glu Ile Leu Glu
118 65 70 75 80
119 Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys Asn Gln Met Leu Glu Ala
120 85 90 95
121 Gln Glu Glu His Leu Glu Ala Trp Trp Leu Gln Leu Lys Ser Glu Tyr
122 100 105 110
123 Pro Asp Leu Phe Glu Trp Phe Cys Val Lys Thr Leu Lys Val Cys Cys
124 115 120 125
125 Ser Pro Gly Thr Tyr Gly Pro Asp Cys Leu Ala Cys Gln Gly Gly Ser
126 130 135 140
127 Gln Arg Pro Cys Ser Gly Asn Gly His Cys Ser Gly Asp Gly Ser Arg
128 145 150 155 160
129 Gln Gly Asp Gly Ser Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu
130 165 170 175
131 Cys Thr Asp Cys Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr
132 180 185 190
133 His Ser Ile Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly
134 195 200 205
135 Leu Thr Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp
136 210 215 220
137 Glu Gly Ala Cys Val Asp Val Asp Glu Cys Ala Ala Glu Pro Pro Pro
138 225 230 235 240
139 Cys Ser Ala Ala Gln Phe Cys Lys Asn Ala Asn Gly Ser Tyr Thr Cys
140 245 250 255
141 Glu Glu Cys Asp Ser Ser Cys Val Gly Cys Thr Gly Glu Gly Pro Gly
142 260 265 270
143 Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His Gly Gln Cys

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/905.056

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Input Set : N:\Crf3\02082002\I905056.raw
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195      aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa gggcgccgc gactcttagag tcgacctgca 2160
196      gaagcttggc cgccatggcc caacttgttt attgcagctt ataatg 2206
198 <210> SEQ ID NO: 4
199 <211> LENGTH: 379
200 <212> TYPE: PRT
201 <213> ORGANISM: Homo sapiens
202 <400> SEQUENCE: 4
203      Met Ala Arg Arg Ser Ala Phe Pro Ala Ala Ala Leu Trp Leu Trp Ser
204          1           5           10           15
205      Ile Leu Leu Cys Leu Leu Ala Leu Arg Ala Glu Ala Gly Pro Pro Gln
206          20          25           30
207      Glu Glu Ser Leu Tyr Leu Trp Ile Asp Ala His Gln Ala Arg Val Leu
208          35          40           45
209      Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu Gly Lys Met Ala
210          50          55           60
211      Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln Arg Met Pro Ala Ile
212          65          70           75           80
213      Pro Val Asn Ile His Ser Met Asn Phe Thr Trp Gln Ala Ala Gly Gln
214          85          90           95
215      Ala Glu Tyr Phe Tyr Glu Phe Leu Ser Leu Arg Ser Leu Asp Lys Gly
216          100         105           110
217      Ile Met Ala Asp Pro Thr Val Asn Val Pro Leu Leu Gly Thr Val Pro
218          115         120           125
219      His Lys Ala Ser Val Val Gln Val Gly Phe Pro Cys Leu Gly Lys Gln
220          130         135           140
221      Asp Gly Val Ala Ala Phe Glu Val Asp Val Ile Val Met Asn Ser Glu
222          145         150           155           160
223      Gly Asn Thr Ile Leu Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr
224          165         170           175
225      Cys Gln Gln Ala Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys
226          180         185           190
227      Asn Glu Arg Arg Ile Cys Glu Cys Pro Asp Gly Phe His Gly Pro His
228          195         200           205
229      Cys Glu Lys Ala Leu Cys Thr Pro Arg Cys Met Asn Gly Gly Leu Cys
230          210         215           220
231      Val Thr Pro Gly Phe Cys Ile Cys Pro Pro Gly Phe Tyr Gly Val Asn
232          225         230           235           240
233      Cys Asp Lys Ala Asn Cys Ser Thr Thr Cys Phe Asn Gly Gly Thr Cys
234          245         250           255
235      Phe Tyr Pro Gly Lys Cys Ile Cys Pro Pro Gly Leu Glu Gly Glu Gln
236          260         265           270
237      Cys Glu Ile Ser Lys Cys Pro Gln Pro Cys Arg Asn Gly Gly Lys Cys
238          275         280           285
239      Ile Gly Lys Ser Lys Cys Lys Cys Ser Lys Gly Tyr Gln Gly Asp Leu
240          290         295           300
241      Cys Ser Lys Pro Val Cys Glu Pro Gly Cys Gly Ala His Gly Thr Cys
242          305         310           315           320
243      His Glu Pro Asn Lys Cys Gln Cys Gln Glu Gly Trp His Gly Arg His

```

→ Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/905,056

DATE: 02/16/2002
TIME: 12:15:30

Input Set : N:\Crf3\02082002\I905056.raw
Output Set: N:\CRF3\02152002\I905056.raw

L:403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:2841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:3206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:4238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:4338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:5176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206